

METHOD AND APPARATUS FOR SIMULTANEOUS IMAGE CAPTURE AND
IMAGE DISPLAY IN AN IMAGING DEVICE

ABSTRACT OF THE DISCLOSURE

An imaging device and a method for implementing simultaneous image capture and image display update in an imaging device are provided. The imaging device of the present invention implements first and second image capture buffers within a memory module such that a first buffer captures image data from the imager while the second buffer displays the image on the imaging device display. A method for simultaneous image capture and image display update comprises capturing first-in-time image data to a first image capture buffer that is in communication with an imager, capturing second-in-time image data to a second image capture buffer that is in communication with an imager and displaying the first-in-time image data on a display while the image device captures the second-in time image data to the second image capture buffer.

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